# **PARTS MANUAL**



Revision #1 (03/26/10)

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THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.

# A WARNING A

#### CALIFORNIA — Proposition 65 Warning

Engine exhaust and some of its constituents, and some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks.
- Cement and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: <u>ALWAYS</u> work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.



Grinding/cutting/drilling of masonry, concrete, metal and other materials with silica in their composition may give off dust or mists containing crystalline silica. Silica is a basic component of sand, quartz, brick clay, granite and numerous other minerals and rocks. Repeated and/or substantial inhalation of airborne crystalline silica can cause serious or fatal respiratory diseases, including silicosis. In addition, California and some other authorities have listed respirable crystalline silica as a substance known to cause cancer. When cutting such materials, always follow the respiratory precautions mentioned above.



## **RESPIRATORY HAZARDS**

Grinding/cutting/drilling of masonry, concrete, metal and other materials can generate dust, mists and fumes containing chemicals known to cause serious or fatal injury or illness, such as respiratory disease, cancer, birth defects or other reproductive harm. If you are unfamiliar with the risks associated with the particular process and/or material being cut or the composition of the tool being used, review the material safety data sheet and/or consult your employer, the material manufacturer/supplier, governmental agencies such as OSHA and NIOSH and other sources on hazardous materials. California and some other authorities, for instance, have published lists of substances known to cause cancer, reproductive toxicity, or other harmful effects.

Control dust, mist and fumes at the source where possible. In this regard use good work practices and follow the recommendations of the manufacturers or suppliers, OSHA/NIOSH, and occupational and trade associations. Water should be used for dust suppression when wet cutting is feasible. When the hazards from inhalation of dust, mists and fumes cannot be eliminated, the operator and any bystanders should always wear a respirator approved by NIOSH/MSHA for the materials being used.

# **MP2 MASONRY SAW**

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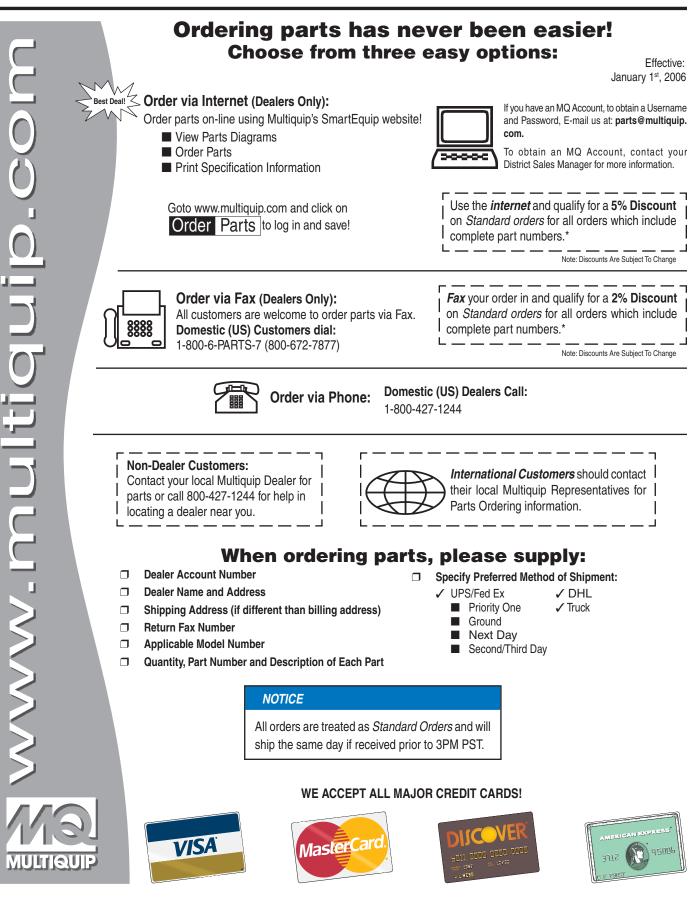
# HONDA GX270QWH2 GASOLINE ENGINE

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Specification and part number are subject to change without notice.



# **EXPLANATION OF CODE IN REMARKS COLUMN**

The following section explains the different symbols and remarks used in the Parts section of this manual. Use the help numbers found on the back page of the manual if there are any questions.

#### NOTICE

The contents and part numbers listed in the parts section are subject to change **without notice**. Multiquip does not guarantee the availability of the parts listed.

## SAMPLE PARTS LIST

<u>NO.</u>	<u>part no.</u>	PART NAME	QTY.	<b>REMARKS</b>
1	12345	BOLT	1	INCLUDES ITEMS W/%
2%		WASHER, 1/4 IN	l	NOT SOLD SEPARATELY
2%	12347	WASHER, 3/8 IN	l1	MQ-45T ONLY
3	12348	HOSE	A/R	MAKE LOCALLY
4	12349	BEARING	1	S/N 2345B AND ABOVE

#### NO. Column

**Unique Symbols** — All items with same unique symbol

(@, #, +, %, or ) in the number column belong to the same assembly or kit, which is indicated by a note in the "Remarks" column.

**Duplicate Item Numbers** — Duplicate numbers indicate multiple part numbers, which are in effect for the same general item, such as different size saw blade guards in use or a part that has been updated on newer versions of the same machine.

#### NOTICE

When ordering a part that has more than one item number listed, check the remarks column for help in determining the proper part to order.

## PART NO. Column

**Numbers Used** — Part numbers can be indicated by a number, a blank entry, or TBD.

TBD (To Be Determined) is generally used to show a part that has not been assigned a formal part number at the time of publication.

A blank entry generally indicates that the item is not sold separately or is not sold by Multiquip. Other entries will be clarified in the "Remarks" Column.

#### QTY. Column

**Numbers Used** — Item quantity can be indicated by a number, a blank entry, or A/R.

A/R (As Required) is generally used for hoses or other parts that are sold in bulk and cut to length.

A blank entry generally indicates that the item is not sold separately. Other entries will be clarified in the "Remarks" Column.

#### **REMARKS Column**

Some of the most common notes found in the "Remarks" Column are listed below. Other additional notes needed to describe the item can also be shown.

**Assembly/Kit** — All items on the parts list with the same unique symbol will be included when this item is purchased.

Indicated by:

"INCLUDES ITEMS W/(unique symbol)"

**Serial Number Break** — Used to list an effective serial number range where a particular part is used.

Indicated by:

"S/N XXXXX AND BELOW" "S/N XXXX AND ABOVE" "S/N XXXX TO S/N XXX"

**Specific Model Number Use** — Indicates that the part is used only with the specific model number or model number variant listed. It can also be used to show a part is NOT used on a specific model or model number variant.

Indicated by:

"XXXXX ONLY" "NOT USED ON XXXX"

"Make/Obtain Locally" — Indicates that the part can be purchased at any hardware shop or made out of available items. Examples include battery cables, shims, and certain washers and nuts.

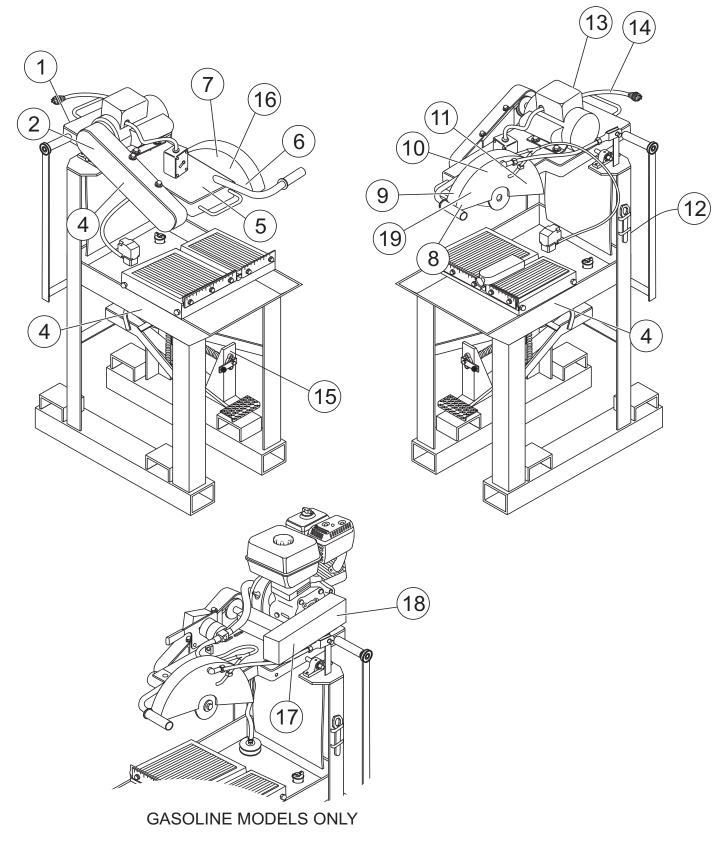
"Not Sold Separately" — Indicates that an item cannot be purchased as a separate item and is either part of an assembly/kit that can be purchased, or is not available for sale through Multiquip.

Qty. P/N	Description
2 20478	KNOB, COMFORT GRIP
1 23783-001	WRENCH, HEX 3/4
4 21004-005	V-BELT, ELECTRIC MOTOR AX-48
1 23843-001	WATER PUMP, ELECTRIC MOTOR
4 FT 23867-006	VINYL WATER TUBING
1 27036-501	CONVEYOR CART ASSY.
2 23830-001	BLADE SHAFT BEARING
2 8136	BLADE SCREW
2 5054 A	WASHER, LOCK
2 23832-001	OUTER BLADE FLANGE
2 23833-001	INNER BLADE FLANGE
2 18637-001	HANDLE LOCK

Qty.	P/N	Description
	20478	HANDLE GRIP
2	23830-001	BLADE SHAFT BEARING
2	8136	BLADE SCREW
	5054 A	
1	23783-001	WRENCH, HEX 3/4
4	16779-012	V-BELT, DRIVE, 3VX250
4	16779-004	V-BELT, JACK SHAFT 3VX375
1	25685-001	STRAINER
1	27036-501	CONVEYOR CART ASSY.
2	23833-001	OUTER BLADE FLANGE
2	23846-001	INNER BLADE FLANGE
2	18637-001	KNOB, LOCK
3	17210ZE1505	ELEMENT, AIR CLEANER
3	9807956846	SPARK PLUG
1	17620ZH7023	CAP, FUEL FILLER
1	28462ZE2W11	ROPE, RECOIL STARTER

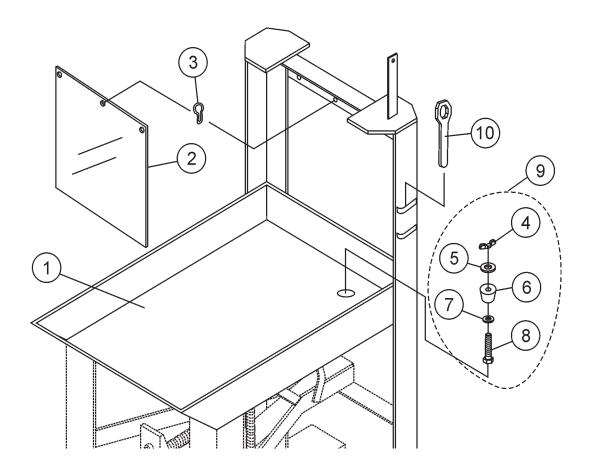
## NAME PLATE AND DECALS

### NAMEPLATE AND DECALS



NAMEPLATE AND DECALS				
<u>NO.</u>	PART NO.	PART NAME	<u>QTY.</u>	<u>REMARKS</u>
1		PLATE, MODEL/SERIAL NUMBER		CONTACT PARTS DEPT.
2	21302	DECAL, BELT GUARD WARNING	1	
4	38243	DECAL, MP2 LOGO	3	
5	15580	DECAL, RESPIRATORY WARNING	1	
6	35137	DECAL, READ OPERATORS MANUAL	1	
7	25491	DECAL, CW ROTATION	1	
8	25249-001	DECAL, BLADE WARNING	1	
9	22122-001	DECAL, PREVENT SERIOUS INJURY	1	
10	29730	DECAL, US FLAG	1	
11	38213	DECAL, MULTIQUIP 4 x 4 IN.	1	
12	13118	DECAL, POWDER COATED	1	
13	25139-001	DECAL, EXTENSION CORD SIZE		
14	25215-001	DECAL, ELECTRIC CORD WARNING		ELECTRIC MODELS ONLY
15	27082-001	DECAL, CRANK HANDLE TURN DIRECT	TON 1	
16	20525	DECAL, PROP 65	1	
17	38239	DECAL,MP2 LOGO		
18	21302	DECAL, BELT GUARD WARNING		GASOLINE MODELS ONLY
19	35136	DECAL, BLADE LOWER, CW	1	

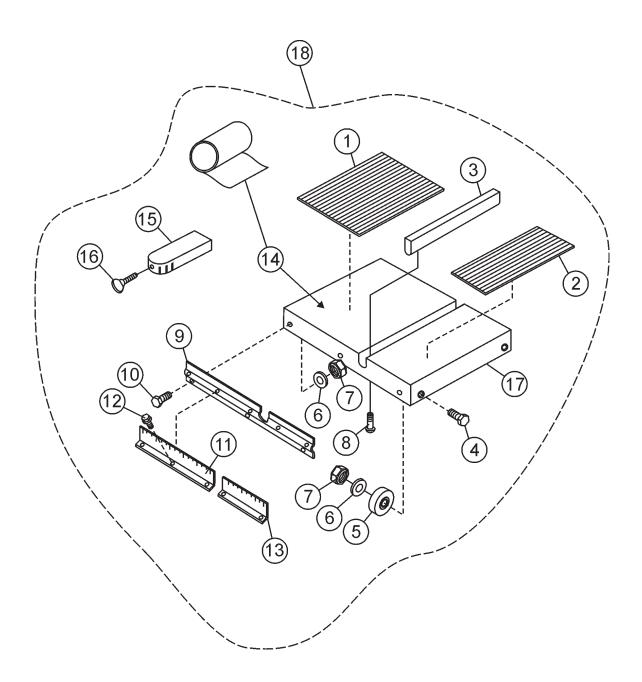
TRAY ASSY.



TRAY ASSY.

<u>NO.</u> 1	<u>PART NO.</u> 26963-351	PART NAME FRAME	<u>QTY.</u>	REMARKS
2	27026-001	CURTAIN, SPLASH		
3	23853-001	SNAP HOOK, SHOWER CURTAIN	3	
<b>4</b> *	2509	NUT, WING 1/4 - 20 PLTD	1	
5*	12391-004	WASHER, FLAT 1/4 AN970-4	1	
6*	23847-001	RUBBER STOPPER	1	
7*	0948	WASHER, FLAT SAE 1/4	1	
8*	5277	SCREW, HHC 1/4 - 20 X 1-1/2	1	
9	23862-501	RUBBER STOPPER ASSY	1	INCLUDES ITEMS W/*
10	23783-001	WRENCH, HEX 3/4	1	

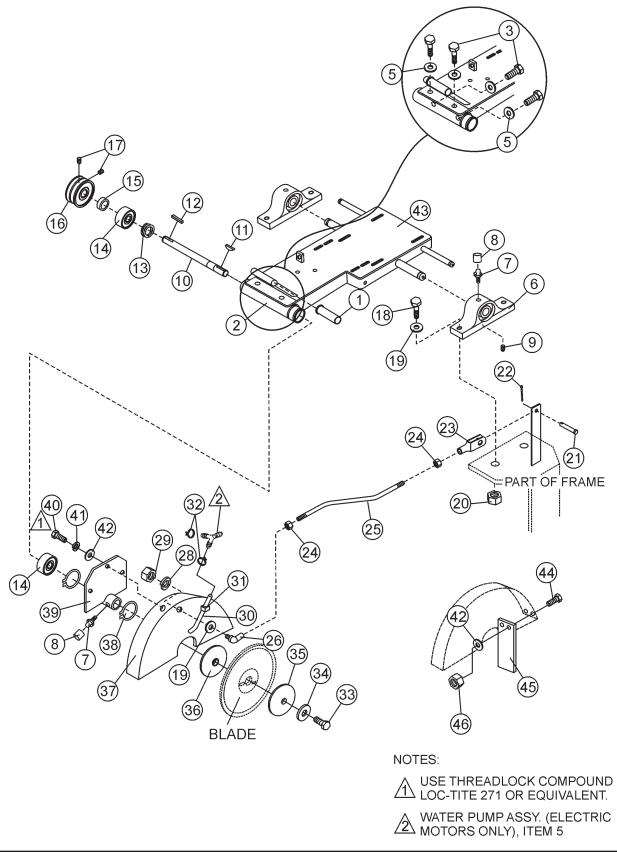
CART ASSY.



CART	ASSY.			
<u>NO.</u>	PART NO.	PART NAME	<u>QTY.</u>	<b>REMARKS</b>
1*	23804-003	MAT, RUBBER V-RIB 6.75 X 12.06 IN.	1	
2*	23804-004	MAT, RUBBER V-RIB 14.94 X 12.06 IN	I. 1	
3*	27035-001	INSERT, CONVEYOR CART	1	
4*	0730	SCREW, HHC 1/4-20 X 1 IN.	4	
5*	23793-001	WHEEL, CONVEYOR CART	4	
6*	0948	WASHER, FLAT	4	
7*	08233-004	NUT, LOCK 1/4 IN 20 GRIPCO	7	
8*	23796-001	SCREW, RD HD	2	
9*	27037-001	SIDE CONVEYOR	1	
-	23866-001	SCREW, HHST, 10-32 x 1/2 IN.	5	
	27032-001	RULER, LONG SIDE	1	
	23795-008	SCREW, HHST	5	
-	27033-001	RULER, SHORT	1	
	26076-301	TAPE, ROLL ADHESIVE TRNSFR	8.5 F	Г.
15*	24288-001	GUIDE, CUTTING	1	
16*	08622-012	SCREW, THUMB 5/16 - 18 X 1-1/2 IN.	1	
17*	26992-351	CART, CONVEYOR	1	
18	27036-501	CART ASSEMBLY	1	INCLUDES ITEMS W/*

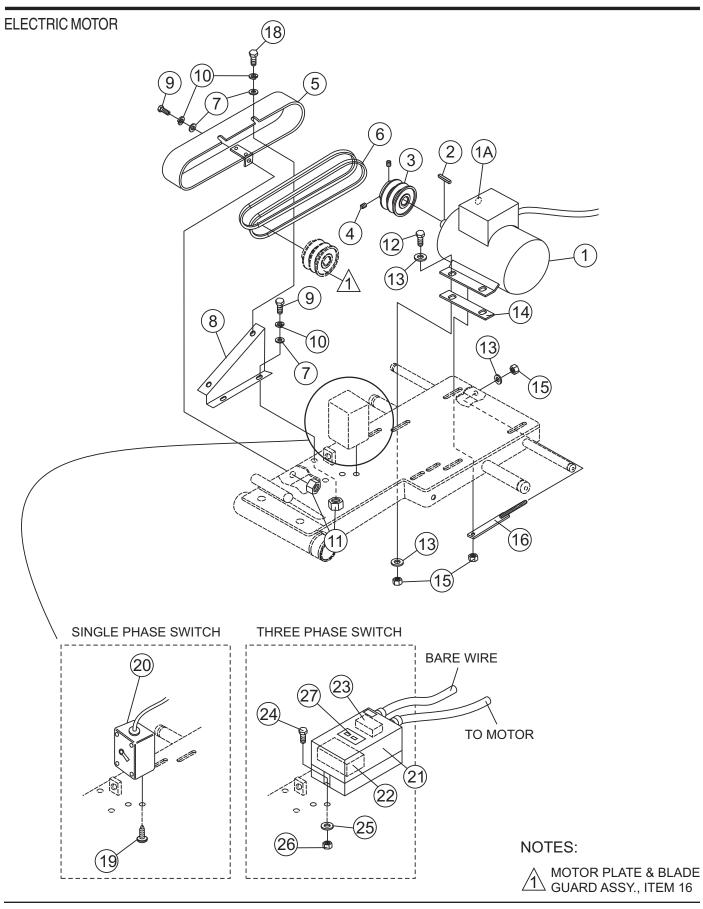
## **MOTOR PLATE & BLADE GUARD ASSY.**

#### MOTOR PLATE & BLADE GUARD ASSY.



## **MOTOR PLATE & BLADE GUARD ASSY.**

<u>NO.</u>	PART NO.		<u>QTY.</u>	<u>REMARKS</u>
1	20478	GRIP, HANDLE	1	
2	23835-702	,	1	
3	16105	SCREW, HEX 5/16-24 x 3/4 IN.	4	
5	0300 B	WASHER, FLAT 5/16 IN. BEARING, PILLOW BLOCK	4	
6	27023-001			INCLUDES ITEMS W/#
7	2621	ZERK FITTING	3	
8	1162 A	CAP, GREASE ZERK #2 YLW SET SCREW, PILLOW BLOCK	3	
9#	IBD	SET SCREW, PILLOW BLOCK	4	
10	23834-003	SHAFT, SPINDLE	1	
11	0/011-01/	KEY, WOODRUFF KEY	1	
12	0627	KEY, SQUARE 3/16 x 1-1/4 IN.	1	
13	06330-006		2	
14	23830-001		2	
15	23829-002	SPACER, 1/2	I 4	
15 16	23029-001		I 1	
16	27030-001	STACER, 1/4" PULLEY, SPINDLE PULLEY, SPINDLE	I 1	
10	20324-001	SET SCREW, SPINDLE PULLEY	T 3	GASOLINE MODELS ONLY
18	10138 1284	SET SUREW, SPINDLE FULLET	4	
19	10136		4 5	
20	10133	NUT, GRIPPO 3/8-16 IN.	4	
20	5201	PIN CIEVIS $3/8 \times 1^{-1}/8$ IN	4	
22	0683	PIN, CLEVIS 3/8 x 1-1/8 IN. PIN, COTTER 3/32 DIA. x 3/4 IN.	1	
23	08327-012	YOKE END, ADJUSTABLE	1	
23 24	2199	NUT, JAM 3/8-24 IN.	2	
25	27021-001	· · · · · · · · · · · · · · · · · · ·	1	
25 26	27021-001		1	
28	0166 A	WASHER, LOCK 3/8 IN.	1	
29	07037-006	NUT, HEX 3/8-24 IN.	1	
30	23867-005	TUBING, VINYL	2	
31	25628-001	HOSE CLAMP, BLADE GUARD	2	
32	12694-001	HOSE CLAMP	2	
33	8136	BOLT, HEX 1/2-20 x 1-1/2 IN.	1	
34	5054 A	WASHER, LOCK	1	
35	23832-001	OUTER FLANGE	1	
36	23833-001	INNER FLANGE	1	
37	27008-351	BLADE GUARD ASSY.		YELLOW
38	17510-002	SNAP RING	2	
39	23825-351	MOUNTING PLATE, BLADE GUARD	1	
40	0131 A	SCREW, HEX 1/4-20 x 3/4 IN.	3	
41	0181 B	WASHER, LOCK 1/4 IN.	5	
42	0948		3	
43	26984-351	WASHER, FLAI 1/4 IN. MOTOR PLATE	1	YELLOW
43	29003-351	MOTOR PLATE		
44	0131 A	SCREW, HHC 1/4-20 x 3/4 IN.	2	
45	27078-001	SPLASH SHIELD, BLADE GUARD	1	
46	0949	NUT, HEX 1/4-20 IN.	2	

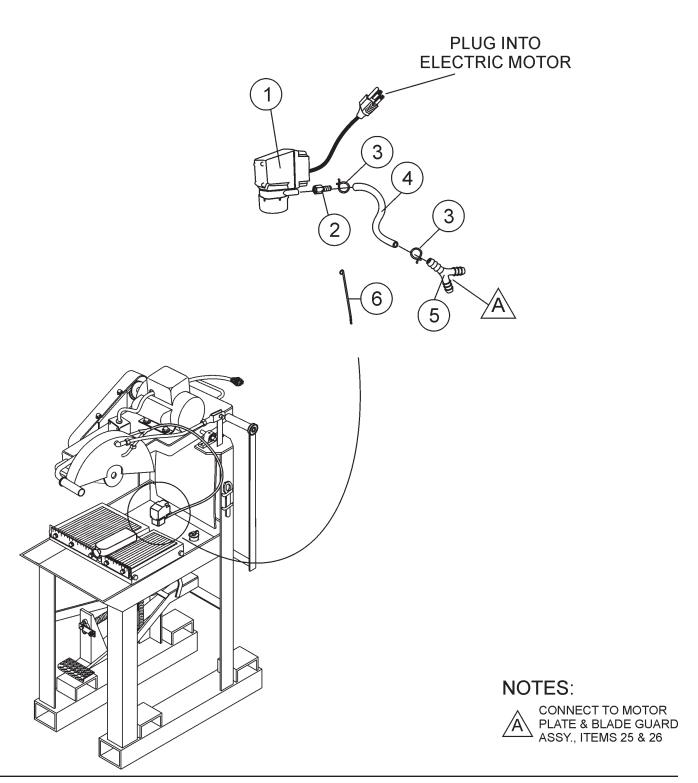


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ELEC <sup>-</sup>	TRIC MOTOR			
<u>NO.</u>	PART NO.	PART NAME	QTY.	<b>REMARKS</b>
1	27022-401	ELECTRIC MOTOR, 5 HP 1Ø	1	INCLUDES ITEMS W/*
1	27090-401	ELECTRIC MOTOR, 5 HP 3Ø	1	INCLUDES ITEMS W/*
2*	6059 B	KEY, 1/4 x 2	2	
3	27029-001	PULLEY (MOTOR)	1	
4	16193-006	SCREW, SHS 5/16-18 x 3/8 IN.	2	
5	27002-351	BELT GUARD	1	
6	21004-005	BELT - AX-48	2	
7	0948	WASHER, FLAT 1/4	5	
8	29710-351	MOUNT, BELT GUARD	1	
9	0131 A	SCREW, HHC 1/4 - 20 x 1/2 IN.	3	
10	0181 B	WASHER, LOCK 1/4 IN.	5	
11	0949	NUT, HEX 1/4-20 IN.	3	
12	1023	SCREW, HHC 3/16-16 x 1-1/2 IN.	4	
13	10136	WASHER, FLAT 3/8 IN.	6	
14	27016-001	SPACER, MOTOR	2	
15	10133	NUT, NYLOC 3/8-16 IN.	6	
16	23811-354	BELT TIGHTENER	2	
18	0131 A	SCREW, HHC 1/4 - 20 x 1/2 IN.	2	
19	23865-001	SCREW, SELF-TAP	2	
20	24037-501	SWITCHBOX, 1 PHASE	1	
21	C799Mp55	SWITCHBOX, 3 PHASE	1	
22	27090-001	STARTER	1	
23	27090-003	TRIP, UNDER VOLTAGE	1	
24		BOLT		
25		WASHER, FLAT	2	OBTAIN LOCALLY
26		NUT, HEX	2	OBTAIN LOCALLY
27	CA302LN	SWITCH	1	

# WATER PUMP ASSY. (ELECTRIC MOTORS ONLY)

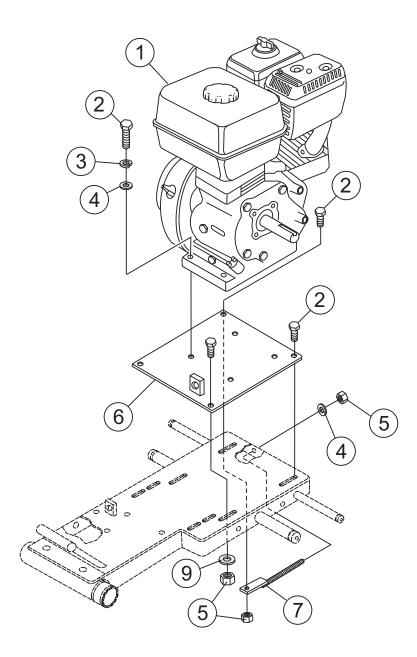
WATER PUMP ASSY. (ELECTRIC MOTORs ONLY)



## WATER PUMP ASSY. (ELECTRIC MOTORS ONLY)

WATER PUMP ASSY. (ELECTRIC MOTORs ONLY)						
<u>NO.</u>	PART NO.	PART NAME	<u>QTY.</u>	<u>REMARKS</u>		
1	23843-001	WATER PUMP, ELECTRIC	1	USE WITH SINGLE PHASE MOTORS		
1	28693-501	WATER PUMP, ELECTRIC	1	USE WITH THREE PHASE MOTORS		
2	26077-001	FITTING, BRASS 6 BARB 1/4FP	1			
3	12694-001	HOSE CLAMP	2			
4	23867-006	TUBING, VINYL 5/16	4	CUT TO 4 FT.		
5	14233-002	Y-FITTING	1			
6	1662	TIE, CABLE	1			

GASOLINE ENGINE MOUNT ASSY.

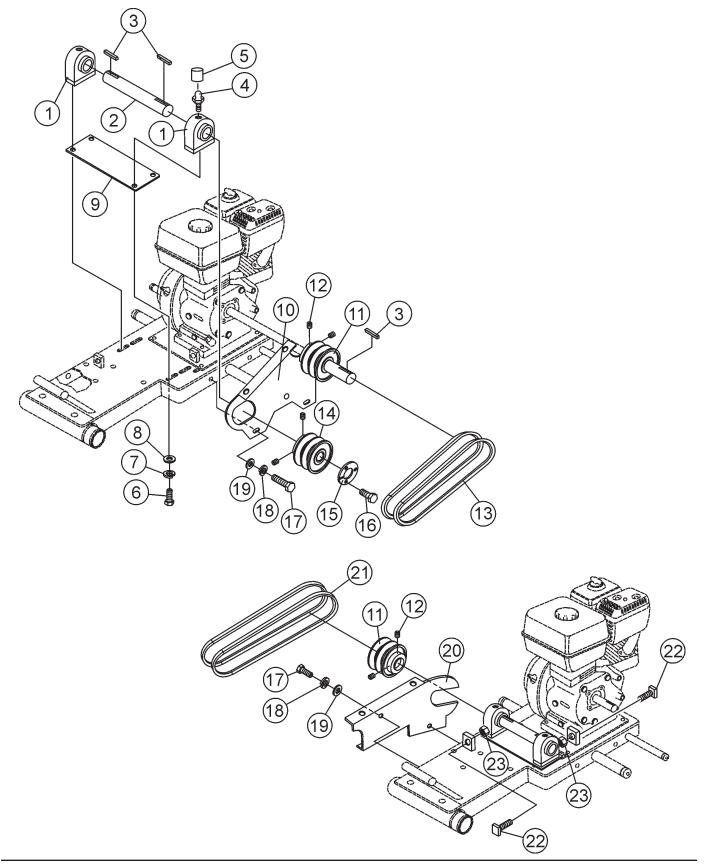


#### GASOLINE ENGINE MOUNT ASSY.

<u>NO.</u>	PART NO.	PART NAME	QTY.	<b>REMARKS</b>
1	15101	ENGINE, HONDA 9 H.P.	1	GX270QWH2
2	1023	SCREW, HHC 3/8-16 x 1-1/4 IN.	8	
3	0166 A	WASHER, LOCK 3/8 IN.	4	
4	10136	WASHER, FLAT 3/8 IN.	2	
5	10133	NUT, GRIPPO 3/8-16 IN.	4	
6	29004-351	BASE PLATE, ENGINE MOUNT	1	
7	23811-354	BELT TIGHTENER	2	
9	28275-001	WASHER, FLAT	2	

## **GASOLINE ENGINE JACKSHAFT ASSY.**

GASOLINE ENGINE JACKSHAFT ASSY.

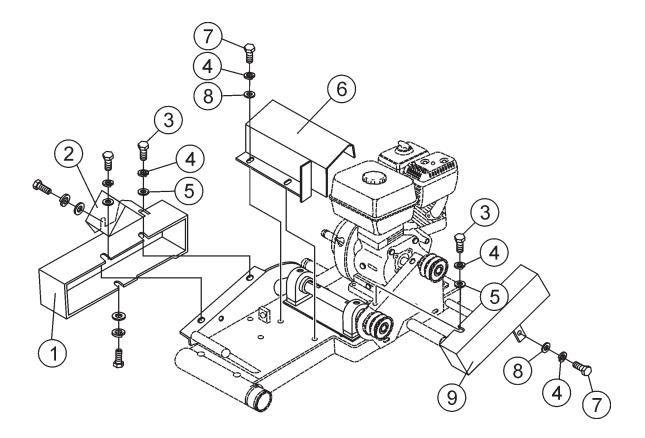


#### GASOLINE ENGINE JACKSHAFT ASSY.

<u>NO.</u>	PART NO.	PART NAME	QTY.	<b>REMARKS</b>
1	28321-001	BEARINGS, PILLOW BLOCK	2	
2	28919-001	JACKSHAFT	1	
3	10057-011	KEY, SQUARE 1/4 X 1-1/4	3	
4	1162 A	CAP, GREASE ZERK #2 YLW	2	
5	2621	ZERK, GREASE STR 1/4-28	2	
6	1023	SCREW, HEX 3/8-16 x 1-1/4 IN.	4	
7	0166 A	WASHER, LOCK 3/8 IN.	4	
8	28275-001	WASHER, FLAT 3/8 IN.	4	
9	28844-001	SUPPORT PLATE, JACKSHAFT	1	
10	29005-351	BELT GUARD MOUNT	1	
11	28322-003	PULLEY, ENGINE/JACKSHAFT	2	
12		SCREW, SET 5/16-18 x 3/8 IN.	4	
13	16779-012	DRIVE BELT 3VX250	2	
14	29007-001		1	
15	29008-001	BUSHING, SPLIT TYPE	1	
16	0424	SCREW, 1/4-20 X 1-1/4 IN.	3	
17	0131 A	,	4	
18	0181 B	WASHER, LOCK 1/4 IN.	4	
19	0949	WASHER, FLAT 1/4 IN.	4	
20	28769-351	MOUNTING BRACKET, BELT GUARD	1	
21	16779-004	SPINDLE V-BELT 3VX375	2	
22	27058-001	,	2	
23	1456	NUT, HEX 3/8-16 IN.	2	

## **GASOLINE ENGINE COVERS ASSY.**

GASOLINE ENGINE COVERS ASSY.

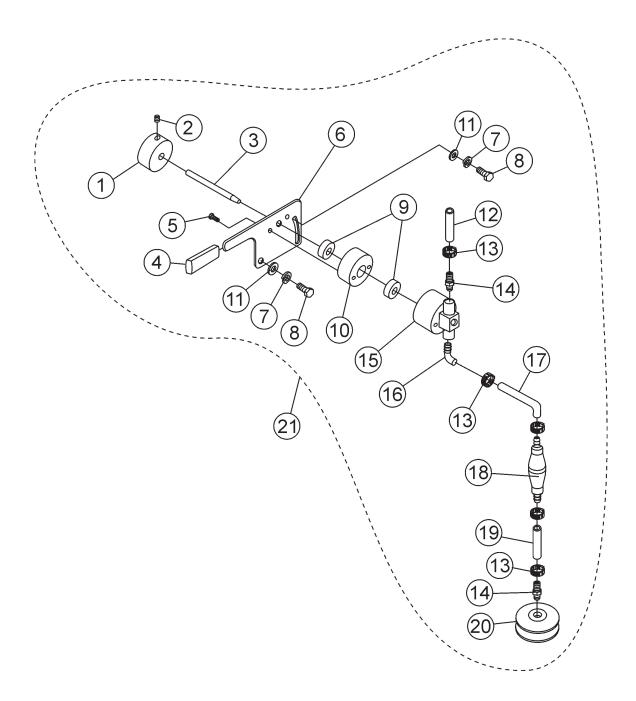


#### GASOLINE ENGINE COVERS ASSY.

<u>NO.</u>	PART NO.	PART NAME	<u>QTY.</u>	<b>REMARKS</b>
1	28886-351	BELT GUARD, LEFT SIDE	1	YELLOW
2	28178-351	COVER, WATER PUMP	1	YELLOW
3	1579	SCREW, HEX 1/4-20 x 1/2	4	
4	0181 B	WASHER, LOCK 1/4 IN.	5	
5	0948	WASHER, FLAT 3/8 IN.	4	
6	28906-351	JACKSHAFT COVER	1	YELLOW
7	0131 A	SCREW, HEX 1/4-20 x 3/4 IN.	2	
8	0181 B	WASHER, LOCK 1/4 IN.	2	
9	28928-351	BELT GUARD, JACKSHAFT	1	YELLOW

## WATER PUMP ASSY. (GASOLINE ENGINES ONLY)

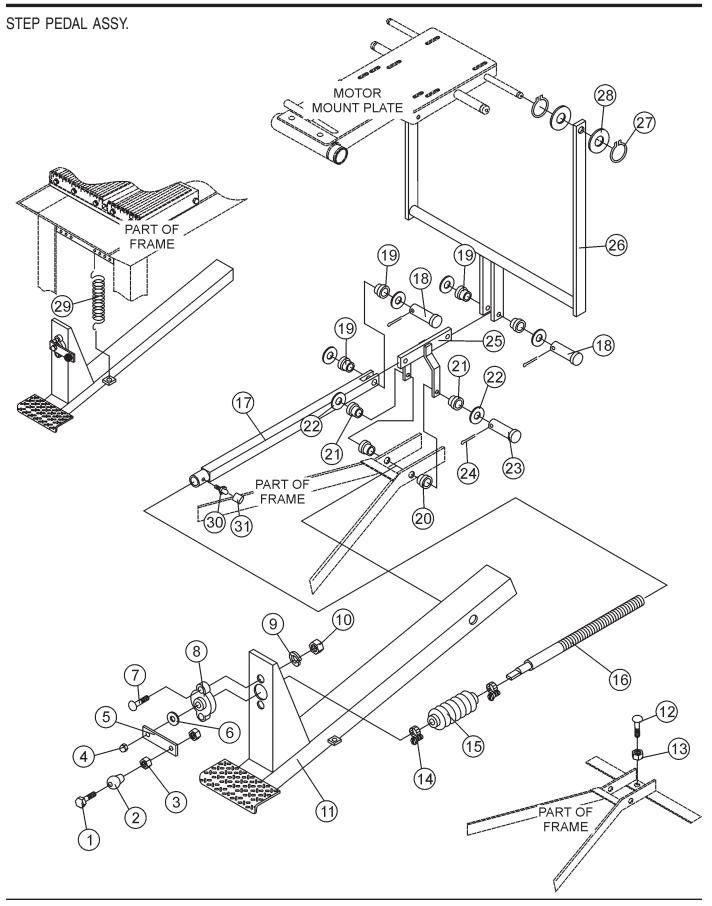
WATER PUMP ASSY. (GASOLINE ENGINES ONLY)



## WATER PUMP ASSY. (GASOLINE ENGINES ONLY)

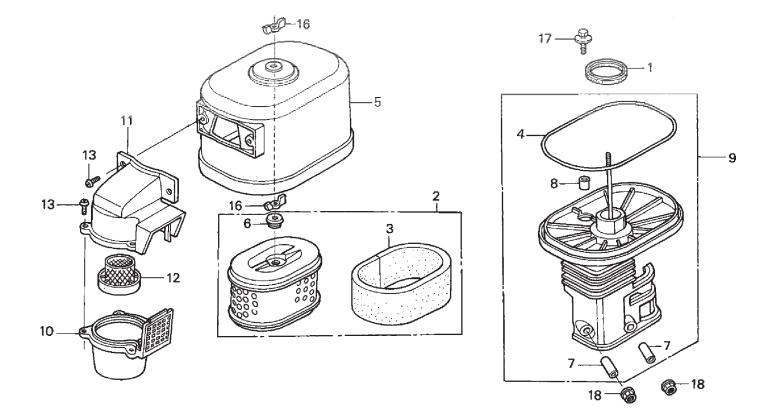
NO.	PART NO.	PART NAME	QTY.	REMARKS
1*	28917-002	PULLEY-WATER PUMP 2" IN.	1	
2*	10138	SCREW, SHS 1/4-20 X 1/2 IN.	4	
3*	28910-001	Shaft, PUMP	1	
4*	3360	GRIP, PUMP HANDLE	1	
5*	10120-010	SCREW, RHM 1/4 - 20 X 5/8	2	
6*	28179-001	BRACKET, PUMP MOUNTING	1	
7*	0166 A	WASHER, LOCK, 3/8 IN.	2	
8*	0205	SCREW, HHC 3/8-16 X 1.0 IN.	2	
9*	09189-006	BEARING, BALL	2	
10*	28916-001	CAP, WATER PUMP	1	
11*	10136	WASHER, FLAT 3/8 IN.	2	
12*	60021	HOSE, BRAIDED PVC 3/8 x 5/8 IN	2	. CUT TO 24 IN.
13*	12694-001	HOSE CLAMP	4	
14*	25874-001	FITTING, PLASTIC STR 6 BARB	2	
15*	25802-001	HEAD, WATER PUMP	1	
16*	2925	FITTING, PLASTIC 90 6 BARB	1	
17*	60021	HOSE, BRAIDED PVC 3/8 x 5/8 IN	3	. CUT TO 32 IN.
18*	25875-001	BULB, PRIMER	1	
19*	60021	HOSE, BRAIDED PVC 3/8 x 5/8 IN	1	. CUT TO 8 IN.
20*	25685-001		1	
21	TRAK20WP	PUMP ASSY	1	. INCLUDES ITEMS W/*

WATER PUMP ASSY. (GASOLINE ENGINES ONLY)



STEP PEDAL ASSY.				
<u>NO.</u>	PART NO.	PART NAME	QTY.	REMARKS
1	06500-020		1	<u></u>
2	18637-001		1	
3	0106	JAM NUT 5/16-18 IN	2	
4	23860-001	ACORN NUT 1/2-13 IN.	1	
5	23768-001	ACORN NUT 1/2-13 IN. HANDLE, BLADE HEIGHT ADJ. WASHER, ELAT	1	
6	23730-001	WASHER, FLAT	1	
7	0424	SCREW, HEX 1/4-20 x 1-1/4 IN.	2	
8	23842-001	BEARING-FLANGED	1	
9	23842-001 0181 B 0949	WASHER, LOCK 1/4 IN.	2	
10	0949	NUT, HEX 1/4-20 IN.	2	
11	26976-351	FOOT PEDAL	1	
12			1	
13	968011	NUT, HEX 1/2-13	1	
14	14821-005	CLAMP	2	
15	23845-002	BELLOWS	1	
16	27076-001	ROD, BLADE HEIGHT ADJ.	1	
17			1	
18	19974		2	
19	27025-001	BUSHING BUSHING, FLANGED	4	
20	27024-002	BUSHING, FLANGED	2 2 6	
21	27024-001	BUSHING, FLANGED	2	
22			6	
23		CLEVIS PIN 1/2 DIA. x 5 IN.	1	
24	3216	COTTER PIN 1/8 DIA. X //8 IN.	3	
25	27012-351	PIVOT BRACKET, STEP PEDAL	1	
26		PIVOT BRACKET, MOTOR PLATE		
27			4	
28	3264	WASHER, FLAT 1 IN.	4	
29	27028-001 2621	EXTENSION SPRING	2	
30	2621	ZERK FITTING	1	
31	1162 A	CAP, GREASE ZERK #2 YLW	1	

AIR CLEANER ASSY.

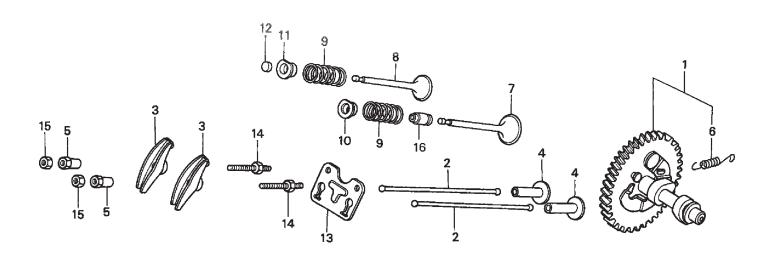


## GX270QWH2 ENGINE — AIR CLEANER ASSY.

AIR CLEANER ASSY.

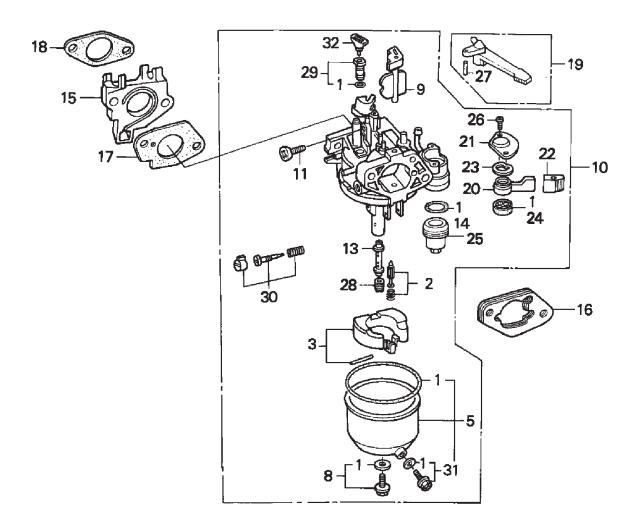
<u>NO.</u>	PART NO.	PART NAME	QTY.	<b>REMARKS</b>
1	16271ZE2000	GASKET, ELBOW	1	
2	17210ZE3010	ELEMENT, AIR CLEANER		INCLUDES ITEMS W/\$
2	17210ZE3505	ELEMENT, AIR CLEANER		INCLUDES ITEMS W/\$
3\$	17218ZE3000	FILTER (OUTER)	1	
3\$	17218ZE3505	FILTER (OUTER)	1	
4*	17219HA2405	SEAL, AIR CLEANER COVER	1	
4*	17219KL4000	SEAL, AIR CLEANER COVER	1	
5	17230ZE3841	COVER, AIR CLEANER (CYCLONE)	1	
6\$	17232891000	GROMMET, AIR CLEANER	1	
7*	17238ZE2310	COLLAR, AIR CLEANER	2	
8*	17239ZE3840	COLLAR B, AIR CLEANER	1	
9	17410ZE3840	ELBOW, AIR CLEANER		INCLUDES ITEMS W/*
10	17470ZE3841	CASE, PRE AIR CLEANER	1	
11	17475ZE3841	CAP, PRE AIR CLEANER	1	
12	17476ZE3841	GUIDE, PRE AIR CLEANER	1	
13	90142MB0000	SCREW, PAN (5X16.5)	5	
16	90325044000	WINGNUT, TOOL BOX SETTING	2	
17	90009ZE2003	BOLT-WASHER (6X22)	1	
18	9405006000	NUT, FLANGE (ôMM)	2	

CAMSHAFT ASSY.



CAMSHAFT ASSY.				
<u>NO.</u>	PART NO.	PART NAME	<u>QTY.</u>	<b>REMARKS</b>
1	14100ZE3020	CAMSHAFT ASSY	1	INCLUDES ITEMS W/*
2	14410ZE2013	ROD, PUSH	2	
3	14431ZE2010	ARM, VALVE ROCKER	2	
4	14441ZE2000	LIFTER, VALVE	2	
5	14451ZE1013	PIVOT, ROCKER ARM	2	
6*	14568ZE1000	SPRING, WEIGHT RETURN	1	
7	14711ZE2000	VALVE, IN.	1	
8	14721ZE2000	VALVE, EX.	1	
9	14751ZE2003	SPRING, VALVE	2	
10	14771ZE2000	RETAINER, IN. VALVE SPRING	1	
11	14773ZE2000	RETAINER, EX. VALVE SPRING	1	
12	14781ZE2000	ROTATOR, VALVE	1	
13	14791ZE2010	PLATE, PUSH ROD GUIDE	1	
14	90012ZE0010	BOLT, PIVOT (8MM)	2	
15	90206ZE1000	NUT, PIVOT ADJ.	2	
16	12209ZE8003	SEAL, VALVE STEM	1	

CARBURETOR ASSY.

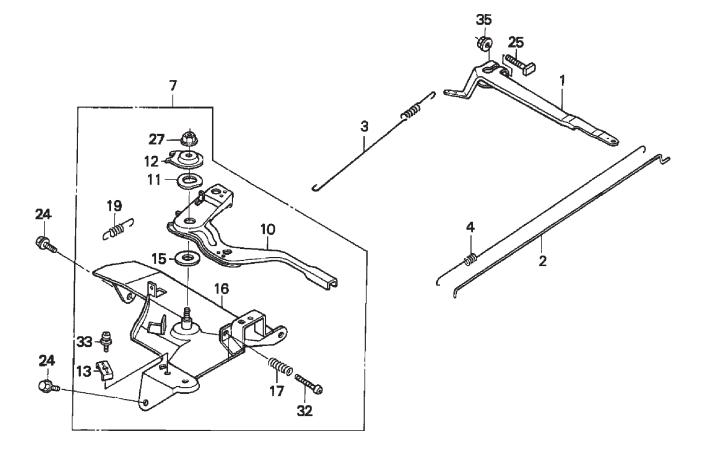


# GX270QWH2 ENGINE — CARBURETOR ASSY.

CARBURETOR ASSY.

<u>NO.</u>	PART NO.	PARTNAME	QTY.	REMARKS
1\$*	16010ZE2812	GASKET SET	1	
2*	16011ZA0931	VALVE SET, FLOAT	1	
3*	16013ZA0931	FLOAT SET	1	
*5	16015ZE8005	CHAMBER SET, FLOAT	1	INCLUDES ITEMS W/\$
8*	16028ZE0005	SCREW SET B	1	
9*	16044ZE2005	CHOKE SET	1	
10	16100ZH9W01	CARBURETOR ASSY. (BE75A B)	1	INCLUDES ITEMS W/*
11*	16124ZE0005	SCREW, THROTTLE STOP	1	
13*	16166ZH9W00	NOZZLE, MAIN	1	
14*	16173001004	GASKET, FUEL STRAINER CUP	1	
15	16211ZE2000	INSULATOR, CARBURETOR	1	
16	16220ZA0702	SPACER, CARBURETOR	1	
17	16221ZA0800	GASKET, CARBURETOR	1	
18	16223ZA0800	GASKET, INSULATOR	1	
19	16610ZE1000	LEVER, CHOKE (STD)	1	INCLUDES ITEMS W/+
20*	16953ZE1812	LEVER, VALVE	1	
21*	16954ZE1812	PLATE, LEVER SETTING	1	
23*	16956ZE1811	SPRING, VALVE LEVER	1	
24*	16957ZE1812	GASKET, VALVE	1	
25*	16967ZE0811	CUP, FUEL STRAINER	1	
26*	93500030060H	SCREW, PAN (3X6)	2	
27+	9430520122	PIN, SPRING (2X12)	1	
28	99101ZH80880	JET, MAIN (#88) (OPTIONAL)	1	
28	99101ZH80900	JET, MAIN (#90) (OPTIONAL)	1	
28*	99101ZH80920	JET, MAIN (#92)	1	
29*	99204ZE00350	JET SET, PILOT (#35)	1	
30*	16016ZH7W01	SCREW SET	1	
31\$*	16024ZE1811	SCREW SET, DRAIN	1	
32*	16172ZE3W10	COLLAR, SET	1	

CONTROL ASSY.

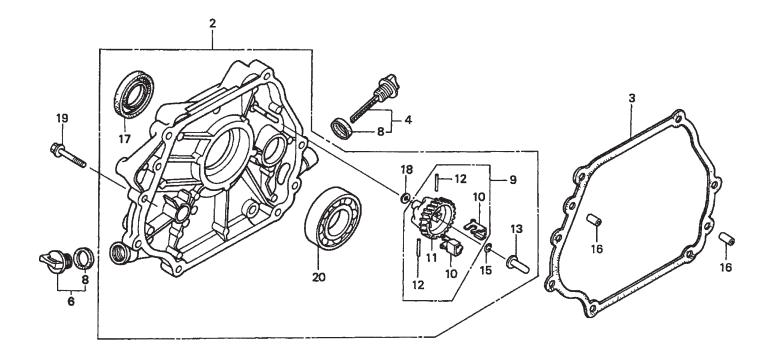


#### CONTROL ASSY.

<u>NO.</u>	PART NO.	PART NAME	<u>QTY.</u>	<b>REMARKS</b>
1	16551ZE2000	ARM, GOVERNOR	1	
2	16555ZE2000	ROD, GOVERNOR	1	
3	16561ZE2000	SPRING, GOVERNOR	1	
4	16562ZE2000	SPRING, THROTTLE RETURN	1	
7	16570ZE2W20	CONTROL ASSY. (REMOTE)	1	INCLUDES ITEMS W/*
10*	16571ZE2W00	LEVER, CONTROL	1	
11*	16574ZE1000	SPRING, LEVER	1	
12*	16575ZE2W00	WASHER, CONTROL LEVER	1	
13*	16576891000	HOLDER, CABLE	1	
15*	16578ZE1000	SPACER, CONTROL LEVER	1	
16*	16581ZE2W00	BASE, CONTROL	1	
17*	16584883300	SPRING, CONTROL ADJUSTING	1	
19*	16592883310	SPRING, CABLE RETURN	1	
24	90013883000	BOLT, FLANGE (6X12) (CT200)	2	
25	90015ZE5010	BOLT, GOVERNOR ARM	1	
27*	90114SA0000	NUT, SELF-LOCK (6MM)	1	
32*	93500050280A	SCREW, PAN (5X28)	1	
33*	93500050160A	SCREW, PAN (5X16)	1	
35	9405006000	NUT, FLANGE (6MM)	1	

## GX270QWH2 ENGINE — CRANKCASE COVER ASSY.

CRANKCASE COVER ASSY.

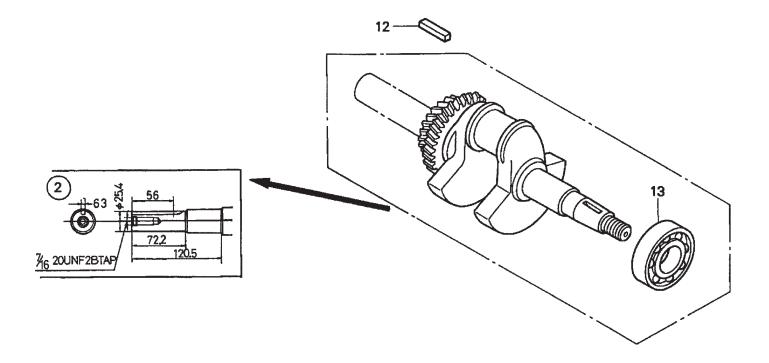


### GX270QWH2 ENGINE — CRANKCASE COVER ASSY.

#### CRANKCASE COVER ASSY.

<u>NO.</u>	PART NO.	PART NAME	QTY.	<b>REMARKS</b>
2	11300ZE2602	COVER ASSY., CRANKCASE (Q-TYPE)	1	INCLUDES ITEMS W/*
3	11381ZE2801	GASKET, CASE COVER	1	INCLUDES ITEMS W/+
4	15600735003	CAP ASSY., OIL FILLER	1	INCLUDES ITEMS W/+
6	15600ZG4003	CAP ASSY., OIL FILLER	1	
8+	15625ZE1003	GASKET, OIL FILLER CAP	2	INCLUDES ITEMS W/\$
9*	16510ZE2000	GOVERNOR ASSY. (STD)	1	
10\$*	16511ZE2000	WEIGHT, GOVERNOR	2	
11\$*	16512ZE2000	HOLDER, GOVERNOR WEIGHT	1	
12\$*	16513ZE2000	PIN, GOVERNOR WEIGHT	2	
13*	16531Z0A000	SLIDER, GOVERNOR	1	
15*	90602ZE1000	CLIP, GOVERNOR HOLDER	1	
16	90701HC4000	PIN, DOWEL (8X12)	2	
17*	91201890003	OIL SEAL (30X46X8)	1	
18*	9410106800	WASHER, PLAIN (6MM)	1	
19	957010803500	BOLT, FLANGE (8X35)	7	
20*	961006206000	BEARING, RADIAL BALL (6206)	1	

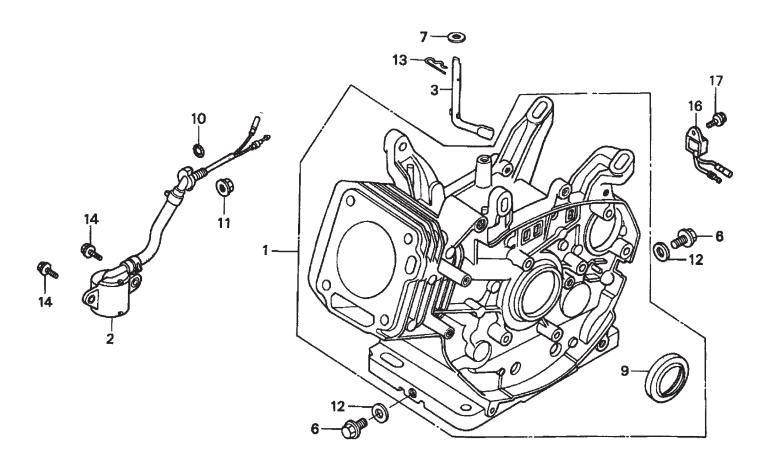
CRANKSHAFT ASSY.



## GX270QWH2 ENGINE — CRANKSHAFT ASSY.

CRAN	IKSHAFT ASSY.			
<u>NO.</u>	PART NO.	PART NAME	QTY.	<b>REMARKS</b>
2	13310ZH9600	CRANKSHAFT (Q-TYPE)	1	INCLUDES ITEMS W/*
12	90745ZE2600	KEY (6.3X6.3X43)	1	
13*	91001ZH9003	BEARING, RADIAL BALL (6206 SH)	1	

CYLINDER BARREL ASSY.

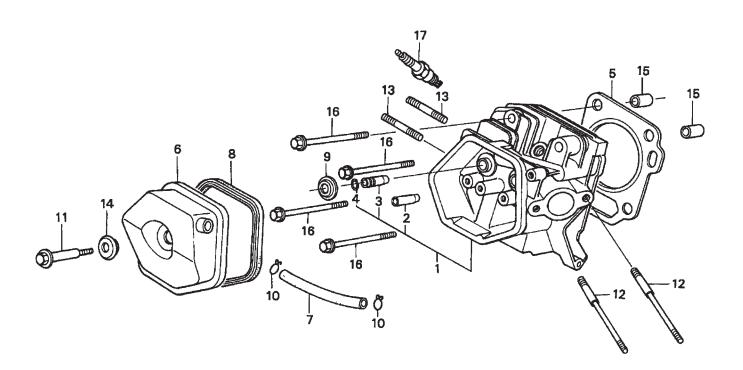


## GX270QWH2 ENGINE — CYLINDER BARREL ASSY.

#### CYLINDER BARREL ASSY.

<u>NO.</u>	PART NO.	PART NAME	QTY.	<b>REMARKS</b>
1	12000ZH9802	CYLINDER ASSY. (ALERT)		INCLUDES ITEMS W/*
2	15510ZE2043	SWITCH ASSY., OIL LEVER	1	
3	16541ZE2010	SHAFT, GOVERNOR ARM	1	
6	90131896650	BOLT, DRAIN PLUG	2	
7	90446KE1000	WASHER (8.2X17X0.8)	1	
9*	91201890003	OIL SEAL (30X46X8)	1	
10	91353671003	O-RING (13.5X1.5) (ARAI)	1	
11	9405010000	NUT, FLANGE (10MM)	1	
12	9410912000	WASHER, DRAIN PLUG (12MM)	2	
13	9425110000	PIN, LOCK (10MM)	1	
14	957010601200	BOLT, FLANGE (6X12)	2	
16	34150ZH7003	ALERT UNIT, OIL	1	
17	90013883000	BOLT, FLANGE (6X12) (CT200)	1	

CYLINDER HEAD ASSY.

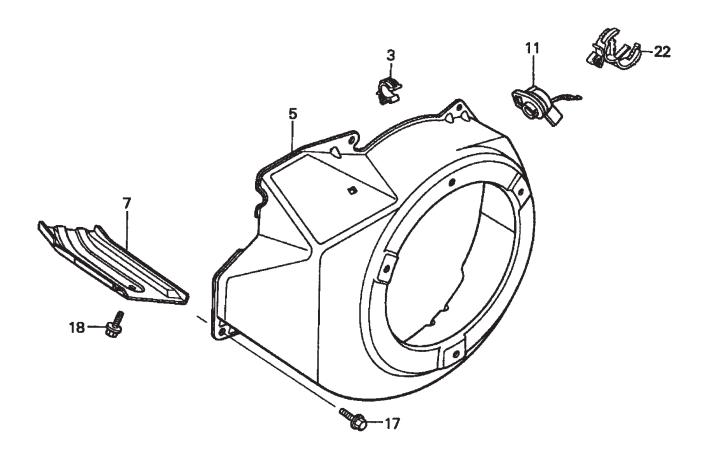


## GX270QWH2 ENGINE — CYLINDER HEAD ASSY.

#### CYLINDER HEAD ASSY.

<u>NO.</u>	PART NO.	PART NAME	<u>QTY.</u>	<b>REMARKS</b>
1	12200ZH9000	CYLINDER HEAD	1	INCLUDES ITEMS W/*
2*	12204ZE2306	GUIDE, VALVE (OS) (OPTIONAL)	1	
3*	12205ZE2305	GUIDE, EX. VALVE (OS) (OPTIONAL)	1	
4*	12216ZE2300	CLIP, VALVE GUIDE	1	
5	12251ZH9000	GASKET, CYLINDER HEAD	1	
6	12310ZE3791	COVER, HEAD	1	
7	12315ZE3840	TUBE, BREATHER	1	
8	12391ZE2020	GASKET, CYLINDER HEAD COVER	1	
9	14775ZE2010	SEAT, VALVE SPRING	1	
10	17316611000	CLIP, BREATHER TUBE	2	
11	90014ZE2000	BOLT, HEAD COVER	1	
12	90042ZE2000	BOLT, STUD (8X123)	2	
13	92900080320E	BOLT 2, STUD (8X32)	2	
14	90441ZE2010	WASHER, HEAD COVER	1	
15	9430112200	PIN A, DOWEL (12X20)	2	
16	957011008000	BOLT, FLANGE (10X80)	4	
17	9807955846	SPARK PLUG (BPR5ES) (NGK) (OPTIONAL)	1	
17	9807955855	SPARK PLUG (W16EPR-U) (DENSO) (OPTIONAL)	1	
17	9807956846	SPARK PLUG (BPR6ES) (NGK)	1	
17	9807956855	SPARK PLUG (W20EPR-U) (DENSO)	1	

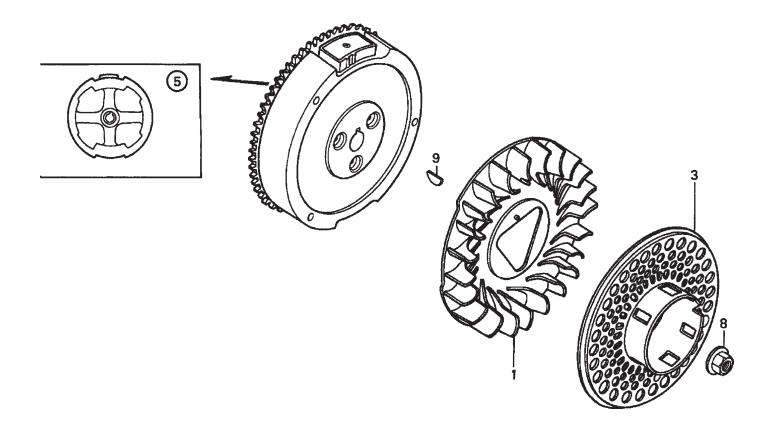
FAN COVER ASSY.



FAN COVER ASSY.

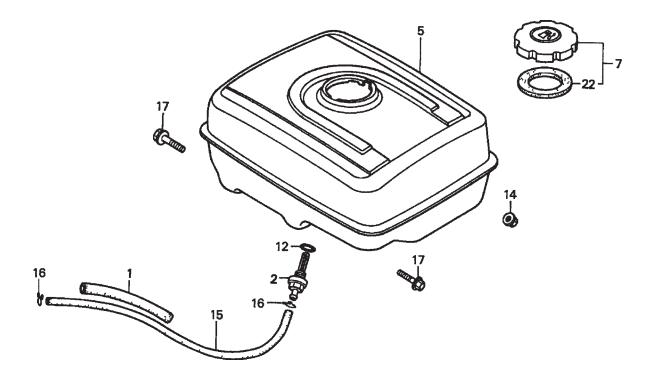
<u>NO.</u>	PART NO.	PART NAME	<u>QTY.</u>	<b>REMARKS</b>
3	16731ZE2003	CLIP, TUBE	1	
5	19610ZE2010ZC	COVER, FAN *NH1* (BLACK)	1	
7	19631ZE2D00	SHROUD	1	
11	36100ZH7003	SWITCH ASSY., ENGINE STOP	1	
17	90013883000	BOLT, FLANGE (6X12) (CT200)	5	
18	90013883000	BOLT, FLANGE (6X12) (CT200)	1	
22	90684ZA0601	CLIP, WIRE	1	

FLYWHEEL ASSY.



#### FLYWHEEL ASSY. NO. PART NO. PART NAME QTY. REMARKS 1 19511ZE2000 FAN, COOLING 1 PULLEY, STARTER (SCREEN GRID) 3 1 28450ZE2W11 5 31100ZE2010 FLYWHEEL 1 8 NUT, SPECIAL (16MM) (1) 1 90201ZE3V00 KEY, SPECIAL WOODRUFF (25X18) 9 90741ZE2000 1

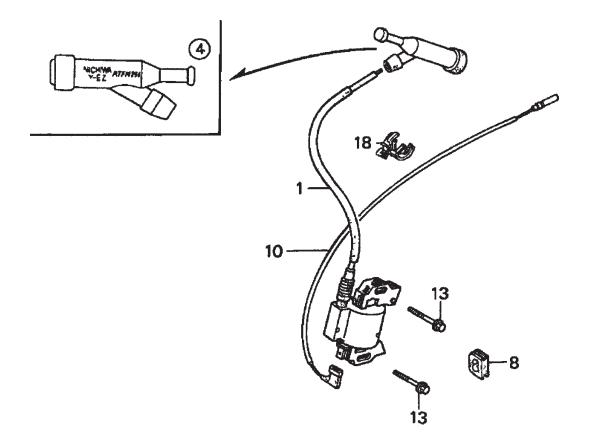
FUEL TANK ASSY.



FUEL TANK A	ASSY.
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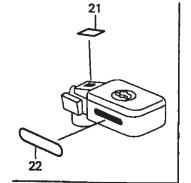
NO.	PART NO.	PART NAME	QTY.	<b>REMARKS</b>
1	16854ZH8000	RUBBER, SUPPORTER (107MM)	1	
2	16955ZE1000	JOINT, FUEL TANK	1	
5	17510ZE2010ZD	TANK, FUEL *NH1* (BLACK)	1	
7	17620ZH7023	CAP, FUEL FILLER	1	INCLUDES ITEMS W/*
12	91353671003	O-RING (13.5X1.5) (ARAI)	1	
14	9405008000	NUT, FLANGE (8MM)	2	
15	950014500360M	BULK HOSE, FUEL (4.5X3000) (4.5X222)	1	
16	9500202080	CLIP, TUBE (B8)	2	
17	957010802500	BOLT, FLANGE (8X25)	2	
22	17631ZH7003	GASKET, FUEL FILLER CAP	1	

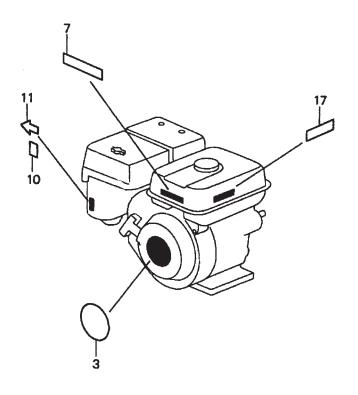
IGNITION COIL ASSY.



IGNITION COIL ASSY.					
NO.	PART NO.	PART NAME	QTY.	<b>REMARKS</b>	
1	30500ZF6W02	COIL ASSY., IGNITION	1		
4	30700ZE1013	CAP ASSY., NOISE SUPPRESSOR	1		
8	31512ZE2000	GROMMET, WIRE	1		
10	36101ZE1010	WIRE, STOP SWITCH (370MM)	1		
13	90015883000	BOLT, FLANGE (6X28)	2		
18	90684ZA0601	CLIP, WIRE HARNESS	1		

LABELS ASSY.

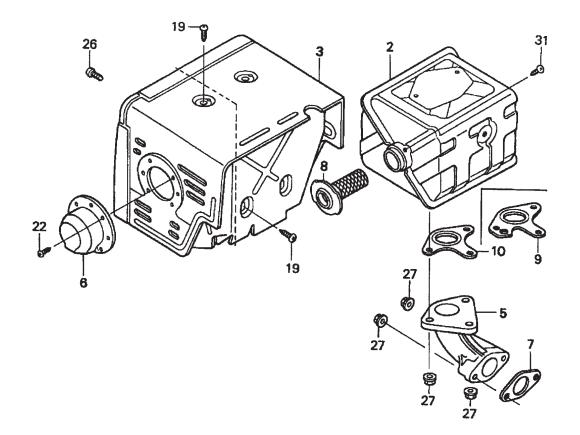




### LABELS ASSY.

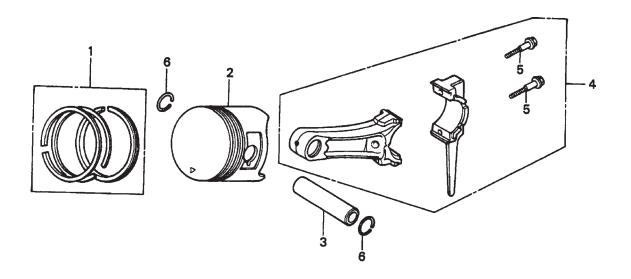
<u>NO.</u>	PART NO.	PART NAME	<u>QTY.</u>	<b>REMARKS</b>
3	87521ZH9020	EMBLEM (INTERNAL)	1	
7	87522ZH9010	LABEL, CAUTION	1	
10	87528ZE2810	MARK, CHOKE (EXTERNAL)	1	
17	87532ZH8810	MARK, OIL ALERT (E)	1	
21	87534ZE1841	LABEL, AIR CLEANER CAUTION	1	
22	87535ZE1840	MARK, AIR CLEANER SALES POINT	1	

MUFFLER (2) ASSY.



<u>NO.</u>	PART NO.	PART NAME	<u>QTY.</u>	<b>REMARKS</b>
2	18310ZE2W61	MUFFLER (100DB)	1	
3	18320ZE2W61	PROTECTOR, MUFFLER	1	
5	18330ZH9N00	PIPE, EX.	1	
6	18331ZE2810	CAP, MUFFLER	1	
7	18333ZF6W01	GASKET, EX. PIPE	1	
8	18355ZE2W00	ARRESTER, SPARK (OPTIONAL)	1	
9	18381ZE2W10	GASKET, MUFFLER (ARRESTER) (OPTIONAL)	1	
10	18381ZE2800	GASKET, MUFFLER	1	
19	90050ZE1000	SCREW, TAPPING (5X8)	4	
22	90055ZE1000	SCREW, TAPPING (4X6)	3	
26	90006ZE2000	SCREW, TAPPING (6X10)	1	
27	9405008000	NUT, FLANGE (8MM)	5	
31	90055ZE1000	SCREW, TAPPING (4X6) (OPTIONAL)	1	

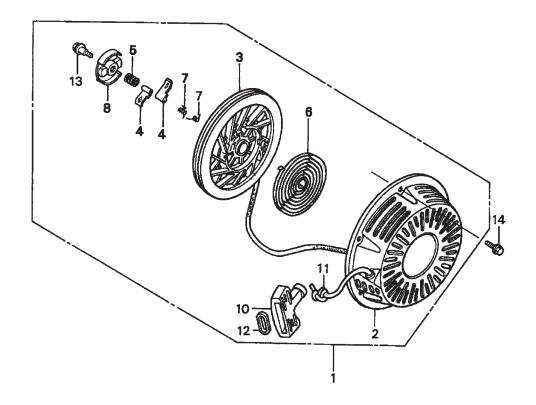
PISTON ASSY.



#### PISTON ASSY.

<u>NO.</u>	PART NO.	PART NAME	QTY.	<b>REMARKS</b>
1	13010ZE8601	RING SET, PISTON (STD)	1	
1	13011ZE8601	RING SET, PISTON (OS 0.25) (OPTIONAL)	1	
1	13012ZE8601	RING SET, PISTON (OS 0.50) (OPTIONAL)	1	
1	13013ZE8601	RING SET, PISTON (0.75) (OPTIONAL)	1	
2	13101ZH9000	PISTON (STD)	1	
2	13102ZH9000	PISTON (OS 0.25) (OPTIONAL)	1	
2	13103ZH9000	PISTON (OS 0.50) (OPTIONAL)	1	
2	13104ZH9000	PISTON (0.75) (OPTIONAL)	1	
3	13111ZE2000	PIN, PISTON	1	
4	13200ZE2010	ROD ASSY., CONNECTING (STD)	1	INCLUDES ITEMS W/*
4	13200ZE2305	ROD ASSY., CONNECTING (US 0.25) (OPTIONAL).	1	INCLUDES ITEMS W/*
5*	90001ZE8000	BOLT, CONNECTING ROD	2	
6	90551ZE1000	CLIP, PISTON PIN (18MM)	2	

RECOIL STARTER ASSY.



## GX270QWH2 ENGINE — RECOIL STARTER ASSY.

RECOIL STARTER ASSY.

<u>NO.</u>	PART NO.	PART NAME	<u>QTY.</u>	<b>REMARKS</b>
1	28400ZE2W01ZB	STARTER ASSY., RECOIL *NH1* (BLACK)	1	INCLUDES ITEMS W/*
2*	28410ZE2W01ZB	CASE, RECOIL STARTER *NH1* (BLACK)	1	
3*	28421ZE2W01	PULLEY, RECOIL STARTER	1	
4*	28422ZE2W01	RATCHET, STARTER	2	
5*	28441ZE2W01	SPRING, FRICTION	1	
6*	28442ZE2W01	SPRING, STARTER RETURN	1	
7*	28443ZE2W01	SPRING, RATCHET	2	
8*	28444ZE2W01	RETAINER, SPRING	1	
10*	28461ZE2W02	GRIP, STARTER	1	
11*	28462ZE2W11	ROPE, RECOIL STARTER	1	
13*	90004ZE2W01	SCREW, CENTER	1	
14	90008ZE2003	BOLT, FLANGE (6X10)	3	

#### **PAYMENT TERMS**

Terms of payment for parts are net 30 days.

#### **FREIGHT POLICY**

All parts orders will be shipped collect or prepaid with the charges added to the invoice. All shipments are F.O.B. point of origin. Multiquip's responsibility ceases when a signed manifest has been obtained from the carrier, and any claim for shortage or damage must be settled between the consignee and the carrier.

#### MINIMUM ORDER

The minimum charge for orders from Multiquip is \$15.00 net. Customers will be asked for instructions regarding handling of orders not meeting this requirement.

#### **RETURNED GOODS POLICY**

Return shipments will be accepted and credit will be allowed, subject to the following provisions:

- 1. A Returned Material Authorization must be approved by Multiquip prior to shipment.
- 2. To obtain a Return Material Authorization, a list must be provided to Multiquip Parts Sales that defines item numbers, quantities, and descriptions of the items to be returned.
  - a. The parts numbers and descriptions must match the current parts price list.
  - b. The list must be typed or computer generated.
  - c. The list must state the reason(s) for the return.
  - The list must reference the sales order(s) or invoice(s) under which the items were originally purchased.
  - e. The list must include the name and phone number of the person requesting the RMA.
- 3. A copy of the Return Material Authorization must accompany the return shipment.
- Freight is at the sender's expense. All parts must be returned freight prepaid to Multiquip's designated receiving point.

- 5. Parts must be in new and resalable condition, in the original Multiquip package (if any), and with Multiquip part numbers clearly marked.
- 6. The following items are not returnable:
  - a. Obsolete parts. (If an item is in the price book and shows as being replaced by another item, it is obsolete.)
  - b. Any parts with a limited shelf life (such as gaskets, seals, "O" rings, and other rubber parts) that were purchased more than six months prior to the return date.
  - Any line item with an extended dealer net price of less than \$5.00.
  - d. Special order items.
  - e. Electrical components.
  - f. Paint, chemicals, and lubricants.
  - g. Decals and paper products.
  - h. Items purchased in kits.
- 7. The sender will be notified of any material received that is not acceptable.
- Such material will be held for five working days from notification, pending instructions. If a reply is not received within five days, the material will be returned to the sender at his expense.
- 9. Credit on returned parts will be issued at dealer net price at time of the original purchase, less a 15% restocking charge.
- In cases where an item is accepted, for which the original purchase document can not be determined, the price will be based on the list price that was effective twelve months prior to the RMA date.
- 11. Credit issued will be applied to future purchases only.

#### PRICING AND REBATES

Prices are subject to change without prior notice. Price changes are effective on a specific date and all orders received on or after that date will be billed at the revised price. Rebates for price declines and added charges for price increases will not be made for stock on hand at the time of any price change. Multiquip reserves the right to quote and sell direct to Government agencies, and to Original Equipment Manufacturer accounts who use our products as integral parts of their own products.

#### SPECIAL EXPEDITING SERVICE

A \$35.00 surcharge will be added to the invoice for special handling including bus shipments, insured parcel post or in cases where Multiquip must personally deliver the parts to the carrier.

#### LIMITATIONS OF SELLER'S LIABILITY

Multiquip shall not be liable hereunder for damages in excess of the purchase price of the item with respect to which damages are claimed, and in no event shall Multiquip be liable for loss of profit or good will or for any other special, consequential or incidental damages.

#### LIMITATION OF WARRANTIES

No warranties, express or implied, are made in connection with the sale of parts or trade accessories nor as to any engine not manufactured by Multiquip. Such warranties made in connection with the sale of new, complete units are made exclusively by a statement of warranty packaged with such units, and Multiquip neither assumes nor authorizes any person to assume for it any other obligation or liability whatever in connection with the sale of its products. Apart from such written statement of warranty, there are no warranties, express, implied or statutory, which extend beyond the description of the products on the face hereof.

Effective: February 22, 2006

## PARTS MANUAL

# **HERE'S HOW TO GET HELP**

PLEASE HAVE THE MODEL AND SERIAL NUMBER ON-HAND WHEN CALLING

#### **UNITED STATES**

#### Multiquip Corporate Office

#### MQ Parts Department

Contact: sales@multiquip.co.uk

18910 Wilmington Ave.Tel. (800) 4Carson, CA 90746Fax (800)Contact: mq@multiquip.comFax (800)			800-427-1244 310-537-3700		00-672-7877 10-637-3284	
Mayco Parts	Warranty Department					
800-306-2926Fax: 800-672-7877310-537-3700Fax: 310-637-3284			800-421-1244, Ext. 279 310-537-3700, Ext. 279			
Service Department	Technical Assistance					
800-421-1244 Fax: 310-537-4259 310-537-3700		800-478-1244	Fax: 310-631-5032			
MEXICO	UNITED KINGDOM					
MQ Cipsa	Multiquip (UK) Limited Head Office					
Carr. Fed. Mexico-Puebla KM 126.5Tel: (52) 222-225-9900Momoxpan, Cholula, Puebla 72760 MexicoFax: (52) 222-285-0420Contact: pmastretta@cipsa.com.mxFax: (52) 222-285-0420		Hanover Mill, Fitzroy Street, Ashton-under-Lyne, Lancashire OL7 0TL		Tel: 0161 339 2223 Fax: 0161 339 3226		

#### **CANADA**

#### Multiquip

4110 Industriel Boul. Laval, Quebec, Canada H7L 6V3 Contact: jmartin@multiquip.com Tel: (450) 625-2244 Fax: (450) 625-8664

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This manual MUST accompany the equipment at all times. This manual is considered a permanent part of the equipment and should remain with the unit if resold.

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